

**ABSTRACT**

**APPARATUS, SYSTEM, AND METHOD FOR PROTOCOL CONVERSION IN  
TRANSCEIVER MODULES**

**[0044]** A transceiver module includes a protocol converter for converting between the data protocol of a host and a network. In one embodiment the module performs protocol conversion between a TDM data protocol of an external network and a gigabit Ethernet data protocol of host, thereby eliminating the need for additional line cards to perform protocol conversion.